

Do social factors influence perceptions of the jaguar *Panthera onca* in Ecuador?

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SUPPLEMENTARY MATERIAL 1 Questionnaire used to evaluate local people's perceptions of jaguars. Adapted from: Marchini, S. & Macdonald, D.W. (2018) Mind over matter: perceptions behind the impact of jaguars on human livelihoods. *Biological Conservation*, 224, 230–237.

Thank you very much for participating in this survey. This interview aims to understand the relationship that exists between the jaguar and the people who live in this community. All the answers that you provide us are completely anonymous, this means that your name will not be published or revealed under any circumstance. In this questionnaire there are no right or wrong questions, so the best answers are those that you believe, think or feel.

1. Interview #:

2. Date interview: _____/_____/_____ (dd/mm/yy)
3. Community: _____ 4. GPS: lon. _____ lat. _____
5. Interviewer name: _____
6. Interviewed name: _____
7. Gender: male () female () 8. Age: _____
9. Year that lives in the community: _____
10. Place of birth: _____

11. What is your level of education?

None () Incomplete elementary school () Complete elementary school () Incomplete high school () Complete high school () University or higher ()

12. What is the size of your property? (ha): _____
13. How many people live on your property?: _____
14. What is your main economic activity?: _____

15. Do you have domestic animals? Yes () No ()

16. What kind of domestic animals and how many do you have?

- Kind: _____ Number: _____
Kind: _____ Number: _____
Kind: _____ Number: _____
Kind: _____ Number: _____
Kind: _____ Number: _____
Kind: _____ Number: _____

Perceptions of the impact of jaguars on human safety

The following questions refer to the damage that the jaguar has caused to domestic animals and people in the community.	None	Very little	Little	Medium	Much	Too much	Don't know
17. The damage that the jaguar has caused to their domestic animals is...							
18. The damage that the jaguar has caused to the domestic animals of other community members has been...							
The following questions refer to the damage that the jaguar has caused to domestic animals and people in the community.	None	Very little	Little	Medium	Much	Too much	Don't know
19. The risk that your domestic animals have of being attacked by a jaguar in the next 12 months is...							
20. The risk that the domestic animals of other community members have of being attacked by a jaguar in the next 12 months is...							
21. The damage that the jaguar has caused to your safety is...							
22. The damage caused by the jaguar to the safety of other community members is...							
23. The risk that you have of being attacked by a jaguar in the next 12 months is...							
24. The risk that a jaguar attacks a community member in the next 12 months is...							

Experiences with jaguars



25. How many of your domestic animals have been attacked by a jaguar?	
26. If the jaguar attacked to your domestic animals, how did you feel about it?	
27. What did you do when you knew about those attacks?	
28. How many people do you know that have been attacked by jaguars?	
29. When you learned that a jaguar has attacked other people, how did you feel about it?	
30. What did you do when you heard about these attacks?	
31. How many times have you seen a jaguar?	

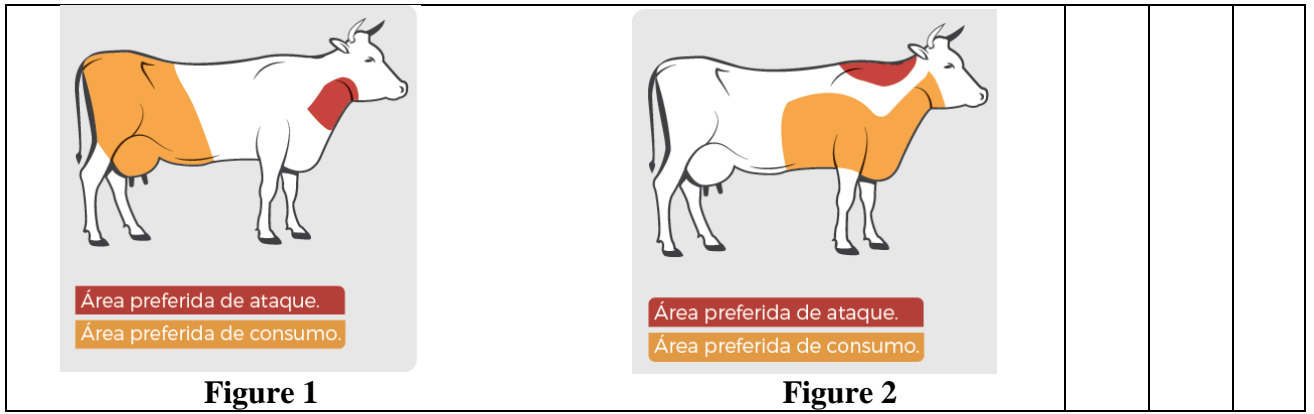
32. How did you feel when you saw the jaguar?	
33. What did you do when you saw the jaguar?	

Actions towards the killing of jaguars

34. Have you ever killed a jaguar? Yes () No () If yes, when was the last time you did it? And, what reason for?
35. Have any of your neighbors killed a jaguar in the last 12 months? Yes () No () If yes, what reason for?

Knowledge about the jaguar

In the following questions I am going to read to you how the jaguar behaves and you could tell me if you think it is correct, incorrect or if you do not know.	Correct	Incorrect	Don't know
36. The jaguar usually hides and covers its prey with leaves. Is this right or wrong?			
37. A female jaguar has on average 1 or 2 offspring each year. Is this right or wrong?			
38. The black jaguar or panther is more dangerous to domestic animals than the yellow jaguar. Is this right or wrong?			
39. The jaguar kills more people each year than car accidents. Is this right or wrong?			
40. Figure 1 is a jaguar footprint, while figure 2 is a puma footprint. Is this right or wrong?			
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Figure 1.</p> </div> <div style="text-align: center;">  <p>Figure 2.</p> </div> </div>			
41. The jaguar attacks its prey by the neck and feeds on the back (figure 1), while the puma attacks on the neck and feeds on the front of its prey (figure 2). Is this right or wrong?			



42. Have you participated in the workshop “Jaguars Forever”? Yes () No ()
43. If yes, how many times have you participated?
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Thank you very much for sharing your knowledge in this survey!